PATENT APPLICATION
Docket No. 9898-321
Client No. SS-18146-US

In re application of:

Ki-Yeon Park, et al.

Conf. No.

8248

Serial No.

10/713,577

Examiner:

Not yet assigned

Filed:

November 12, 2003

Art Unit:

2818

For:

CAPACITOR OF SEMICONDUCTOR MEMORY DEVICE THAT HAS COMPOSITE Al₂O₃/HfO₂ DIELECTRIC LAYER AND METHOD OF

MANUFACTURING THE SAME

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:							
	This Information Disclosure Statement is submitted:						
	\boxtimes	under 37 CFR 1.97 (b); or					
	or b	(Within three months of filing national application; or date of entry of International application; efore mailing date of first office action on the merits; whichever occurs last)					
		under 37 CFR 1.97 (c) together with either a:					
		Statement under 37 CFR 1.97 (e), or					
		a \$180 fee under 37 CFR 1.17 (p); or					
		(After mailing of first Office Action, but prior to Notice of Allowance or Final Office Action)					
		under 37 CFR 1.97 (d) together with:					
	_	Statement under 37 CFR 1.97 (e), and					
		a \$180.00 fee set forth in 37 CFR 1.17 (p).					
		(Filed after final action or notice of allowance, whichever occurs first, but before payment of					
the issue	e fee)	• •					
	\boxtimes	Applicant(s) submit herewith Form PTO 1449- Information Disclosure Citation together with					
may be i		publications or other information of which applicant(s) are aware, which applicant(s) believe(s) of the examination of this application and for which there may be a duty to disclose in accordance					

It is requested that the information disclosed herein be made of record in this application.

Any deficiency or overpayment should be charged or credited to deposit account number 13-1703. A duplicate copy of this sheet is enclosed.

Customer No. 20575

Respectfully submitted, MARGER JOHNSON & McCOLLOM, R.C.

Hosoon Lee

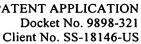
Limited Recognition Under 37 CFR § 10.9(b)

MARGER JOHNSON & McCOLLOM, P.C. 1030 SW Morrison Street Portland, OR 97205 503-222-3613

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date: August 27, 2004

Li Mei Vermilya





Date Considered:

AUG 3 0 2004				PATENT . Dock Client N	et No. 9		
PRADE MERICAL PROPERTY OF THE APPLICATION OF: Serial No.	IN THE UNITED STA	ATES PATENT	AND TRADEMA	ARK OFFICE			
In re application of:	Ki-Yeon Park, et al.		Conf. No.	8248			
Serial No.	10/713,577		Examiner:	Not yet assigned			
Filed:	November 12, 2003		Art Unit:	2818			
For:		l ₂ O ₃ /HfO ₂ DIEL	ECTRIC LAYER	Y DEVICE THAT R AND METHOD (
		ATION DISCLO DRM PTO-1449	OSURE CITATION (Modified)	ON			
	<u>u.s</u>	S. PATENT DO	CUMENTS				
Exam <u>Init</u> <u>Ref</u>	Document <u>Number</u>	Issue <u>Date</u>	<u>Name</u>	Class	Sub <u>Class</u>		
	2002/0115252	Aug. 22, 02	Haukka et al.				
		ATION DISCLO DRM PTO-1449	OSURE CITATION (Modified)	ON			
	FOREIGN PATENT DOCUMENTS						
Exam <u>Init</u> <u>Ref</u>	Publication <u>Number</u>	Publication Date	Country	<u>Name</u>			
	P2001-0082118	Aug. 29, 01	Korea				
	9	OTHER DOC	<u>UMENTS</u>				
Exam <u>Init Ref</u>	Author, Title, Date, Pertinent Pages, Etc.)						
	English Language	Abstract of Kor	ean Publication N	o: P2001-0082118			
Examiner:							